

L2 ANSWER 248 OF 267 CA COPYRIGHT 2004 ACS on STN  
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TI Wet-strength paper and board  
IN Myznikova, P. F.; Kolesnikov, V. L.; Perekal'skii, N. P.; Reizin, R. E.;  
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SO U.S.S.R.  
From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1969, 46(12),  
132.  
CODEN: URXXAF

DT Patent  
LA Russian  
IC D21D  
CC 43 (Cellulose, Lignin, Paper, and Other Wood Products)  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 240472		19690321	SU	19661024

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
SU 240472	IC	D21D

AB Wet-strength paper and board with improved elasticity are manufd. from  
pulp contg. native or regenerated **cellulose fibers**,  
synthetic fibers, or mixts. of such fibers, sized with a compn. contg.,  
based on oven-dry fibers, 0.5-30% rubber latex, 2-30% nonionic  
**surfactant**, and based on the latex wt., 0.5-50% H2O-sol. cationic  
polyelectrolyte.

ST wet strength paper cardboard; paper wet strength; **surfactants**  
paper sizing; cardboard wet strength; cationic polyelectrolytes paper  
sizing; rubber const paper sizing

IT Building materials

(boards, wet strengthening of, with synthetic fibers)

IT Fiber, synthetic

RL: USES (Uses)

(paper wet strengthening with polyelectrolytes and)

IT Polyelectrolytes

(paper wet strengthening with synthetic fiber and)

IT Rubber, uses and miscellaneous

(paper wet strengthening with synthetic fibers and)

IT Paper

(wet strengthening of, with synthetic fibers)

Building  
materials